

DATE: April 29, 2019

TO: Todd Wyett, Chairman
State Transportation Commission

FROM: Paul C. Ajegba
Director

SUBJECT: Waiver of Commission Approval

The projects and descriptions documented in Exhibit A-1 attached, will be let by the Michigan Department of Transportation on May 3, 2019. These projects require pre-approval as the engineers' estimates are over \$500,000. The approximate 13-week delay resulting if Commission pre-approval were deferred to the next State Transportation Commission meeting on July 18, 2019, would delay the transmittal of the contract documents to the low bidders, and jeopardize the construction schedules.

The projects and descriptions documented in Exhibit A-2, attached, were let by the Michigan Department of Transportation on April 5, 2019. The low bids received were more than 10% over the engineers' estimate and therefore require approval by the State Transportation Commission. The approximate 13-week delay resulting if Commission approval were deferred to the next State Transportation Commission meeting on July 18, 2019, would delay the transmittal of the contract documents to the low bidders, and jeopardize the construction schedule.

The projects and descriptions documented in Exhibit A-3, attached, were let on April 5, 2019. These projects are being submitted for informational purposes since only one bid was received for these projects and the engineers' estimate was less than \$500,000.

Thus, a waiver of the required Commission approval is requested, as provided in Commission Resolution 79-3, as amended, footnote F:

“If, in the opinion of the Director, the public interest requires that a certain contract be awarded or an agreement be executed prior to approval by the Commission, hereunder, the Director shall seek a waiver of the required approval from the Chairman of the Transportation Commission. If the request of the approval is verbal, the waiver shall be confirmed, in writing, within fourteen (14) days.”

If the waiver is granted, the Department will proceed to execute the items noted above.

Signed copy on file

Director

The request for waiver of Commission approval of the above-mentioned item is approved.

Signed copy on file

April 29, 2019

Todd Wyett, Chairman

Date

REQUEST FOR MICHIGAN STATE TRANSPORTATION

COMMISSION APPROVAL

BID LETTING PRE-APPROVAL

April 29, 2019

STATE PROJECTS

- | | | |
|----|---|--|
| 1. | Letting of May 3, 2019
Letting Call: 1905 075
Project: IM 58151-128058
Local Agreement:
Start Date: June 17, 2019
Completion Date: October 1, 2020 | Prequalification Level:
\$7,488,000.00 |
|----|---|--|

Bridge rehabilitation including epoxy overlay, concrete deck, barrier and substructure patching, replacement and rehabilitation of expansion joints, structural steel repairs and partial cleaning and coating of the structural steel on I-75 over inactive Port of Monroe Railroad, Front Street, the Raisin River and Elm Avenue in the city of Monroe, Monroe County. This project includes a 5-year performance warranty.

2.00 % DBE participation required

- | | | |
|----|--|--|
| 2. | Letting of May 3, 2019
Letting Call: 1905 076
Project: BRT 82071-110519
Local Agreement: 15-5482
Start Date: 10 days after award
Completion Date: November 15, 2019 | Prequalification Level:
\$3,280,000.00 |
|----|--|--|

0.08 mi of road reconstruction including hot mix asphalt resurfacing, concrete curb, gutter and sidewalks, watermain replacement, removal of existing railroad structure, construction of box culvert and pavement markings on M-85 over future shared use path and the Detroit River in the city of Detroit, Wayne County.

5.00 % DBE participation required

3. Letting of May 3, 2019
Letting Call: 1905 077
Project: ER 31051-201165 , ETC
Local Agreement: 19-5018
Start Date: 10 days after award
Completion Date: October 11, 2019
- Prequalification Level:
\$2,000,000.00

5.28 mi of hot mix asphalt cold milling and resurfacing, pavement repairs, replace culverts, concrete curb and gutter repairs, detail 7 and 8 joint repairs, aggregate shoulders, minor drainage improvements, upgrading sidewalk ramps and pavement markings on US-41 from south of 6th Street to north of Denton Road and from east of Isle Royale Street west to Bridge Street in the city of Houghton, Houghton County. This project includes two 3-year materials and workmanship pavement warranties.

0.00 % DBE participation required

4. Letting of May 3, 2019
Letting Call: 1905 078
Project: GF19 13042-204205
Local Agreement: 19-5163
Start Date: September 9, 2019
Completion Date: November 1, 2019
- Prequalification Level:
\$591,000.00

0.59 mi of hot mix asphalt cold milling and two course asphalt overlay, traffic signal, signing and pavement markings on I-94BL from west of Sycamore Street to west of Marshall Street, with traffic circle gapped out, in the city of Marshall, Calhoun County.

0.00 % DBE participation required

5. Letting of May 3, 2019
Letting Call: 1905 081
Project: ST 81011-132609
Local Agreement:
Start Date: July 8, 2019
Completion Date: November 15, 2019
- Prequalification Level:
\$819,000.00

2.07 mi of hot mix asphalt cold milling and resurfacing, ADA ramps, pedestrian pushbutton and pavement markings on M-52 from north of Old US-12 to south of Werkner Road in the city of Chelsea, Washtenaw County. This project includes a 3-year materials and workmanship pavement warranty.

3.00 % DBE participation required

LOCAL PROJECTS

6. Letting of May 3, 2019
Letting Call: 1905 044
Project: STU 63000-203645
Local Agreement: 19-5191
Start Date: 10 days after award
Completion Date: November 15, 2019
- Prequalification Level:
\$2,519,000.00

0.82 mi of hot mix asphalt reconstruction, concrete curb, gutter, sidewalk and ramps, earth excavation, aggregate base, drainage structures and pavement markings on South Squirrel Road from South Boulevard to Primary Street in the city of Auburn Hills, Oakland County. This is a Local Agency project.

3.00 % DBE participation required

7. Letting of May 3, 2019
Letting Call: 1905 045
Project: STL 76555-127774
Local Agreement: 19-5187
Start Date: 10 days after award
Completion Date: May 25, 2020
- Prequalification Level:
\$1,033,000.00

1.78 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate shoulders, concrete curb and gutter, sidewalk ramps, culvert, sewer, drainage, guardrail and pavement markings on Carland Road from M-21 north to south of Wilkinson Road, Shiawassee County. This is a Local Agency project.

3.00 % DBE participation required

8. Letting of May 3, 2019
Letting Call: 1905 046
Project: STUL 13000-130187
Local Agreement: 19-5202
Start Date: 10 days after award
Completion Date: August 31, 2020
- Prequalification Level:
\$994,000.00

9.45 mi of chip seal and fog seal with spot concrete sidewalk and ADA ramp upgrades on Elm Street from Cliff Street northward to Michigan Avenue and on Glenn Cross Road from Capital Avenue eastward to M-66, Calhoun County. This is a Local Agency project.

3.00 % DBE participation required

9. Letting of May 3, 2019
Letting Call: 1905 047
Project: STL 09000-202498
Local Agreement: 19-5158
Start Date: May 3, 2019
Completion Date: August 23, 2019
- Prequalification Level:
\$966,000.00

7.00 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders and pavement markings on Wheeler Road from Eight Mile Road east to Rockwell Road, Bay County. This is a Local Agency project.

3.00 % DBE participation required

10. Letting of May 3, 2019
Letting Call: 1905 048
Project: STL 69000-202276
Local Agreement: 19-5166
Start Date: July 8, 2019
Completion Date: October 11, 2019
- Prequalification Level:
\$951,000.00
- 2.15 mi of hot mix asphalt base crushing, shaping and resurfacing, earth excavation, embankment, shoulder aggregate and pavement markings on Hetherton Road east of M-32, Otsego County. This is a Local Agency project.
- 3.00 % DBE participation required
11. Letting of May 3, 2019
Letting Call: 1905 049
Project: STL 24000-130366
Local Agreement: 19-5200
Start Date: June 10, 2019
Completion Date: November 15, 2019
- Prequalification Level:
\$628,000.00
- 1.31 mi of hot mix asphalt base crushing, shaping and resurfacing, drainage and pavement markings on East Wilderness Park Drive from south of Ester Lane to West Central Avenue, Emmet County. This is a Local Agency project.
- 3.00 % DBE participation required
12. Letting of May 3, 2019
Letting Call: 1905 050
Project: STL 68000-202334
Local Agreement: 19-5134
Start Date: 10 days after award
Completion Date: August 8, 2019
- Prequalification Level:
\$512,000.00
- 3.21 mi of hot mix asphalt base crushing, shaping, and resurfacing, permanent signing and pavement markings on Town Line Road from south of Lyle Road to the north Oscoda county line, Oscoda County. This is a Local Agency project.
- 3.00 % DBE participation required
13. Letting of May 3, 2019
Letting Call: 1905 054
Project: STU 33000-129899 , ETC
Local Agreement: 19-5150
Start Date: 10 days after award
Completion Date: November 29, 2019
- Prequalification Level:
\$1,601,000.00
- 2.00 mi of hot mix asphalt cold milling and resurfacing, conversion from 4 to 3 lanes including adding auxiliary turn lane, concrete curb, gutter and sidewalk ramps, shared use path, signing and pavement markings on Lake Lansing Road from Hagadorn Road to Saginaw Street (I-69BL) in the city of East Lansing, Ingham County. This is a Local Agency project.
- 4.00 % DBE participation required

14. Letting of May 3, 2019
Letting Call: 1905 056
Project: STU 63000-203679
Local Agreement: 19-5189
Start Date: 10 days after award
Completion Date: July 3, 2020
- Prequalification Level:
\$5,642,000.00

1.25 mi of pavement rehabilitation including pavement removal, hot mix asphalt surfacing, concrete curb, gutter and ADA sidewalk upgrades, traffic signal modernization, guardrail upgrade and retaining wall repairs on Livernois Road from Walton Boulevard to Avon Road, Oakland County. This is a Local Agency project.

5.00 % DBE participation required

15. Letting of May 3, 2019
Letting Call: 1905 057
Project: HSIP 70000-130732 , ETC
Local Agreement: 19-5207
Start Date: 10 days after award
Completion Date: October 15, 2020
- Prequalification Level:
\$2,570,000.00

0.41 mi of construction of a roundabout and road reconstruction, sanitary sewer, water main, landscaping, traffic signal and street lighting on West Washington Avenue from Franklin Street westerly to Main Avenue in the city of Zeeland, Ottawa County. This is a Local Agency project.

4.00 % DBE participation required

16. Letting of May 3, 2019
Letting Call: 1905 058
Project: STUL 61000-130801
Local Agreement: 19-5197
Start Date: 10 days after award
Completion Date: September 13, 2019
- Prequalification Level:
\$1,844,000.00

0.51 mi of hot mix asphalt reconstruction, concrete curb, gutter and sidewalk, water main, sewer, restoration and pavement markings on Broadway Avenue from Getty Street to Bailey Street, Muskegon County. This is a Local Agency project.

4.00 % DBE participation required

17. Letting of May 3, 2019
Letting Call: 1905 059
Project: STL 58115-133374 , ETC
Local Agreement: 19-5193
Start Date: 10 days after award
Completion Date: November 2, 2019
- Prequalification Level:
\$1,732,000.00

10.15 mi of hot mix asphalt cold milling, ultra-thin overlay, culverts, drainage, joints repairs, guardrail and pavement markings on various routes, Monroe County. This is a Local Agency project.

3.00 % DBE participation required

18. Letting of May 3, 2019
Letting Call: 1905 060
Project: STU 81000-202645
Local Agreement: 19-5206
Start Date: 10 days after award
Completion Date: August 30, 2019
- Prequalification Level:
\$1,530,000.00

1.10 mi of concrete pavement, curb, gutter and ramps, hot mix asphalt paving, drainage, signals and pavement markings on Carpenter Road from Ellsworth Road to Packard Street, Washtenaw County. This is a Local Agency project.

3.00 % DBE participation required

19. Letting of May 3, 2019
Letting Call: 1905 061
Project: STU 82000-203506
Local Agreement: 19-5182
Start Date: July 22, 2019
Completion Date: October 15, 2019
- Prequalification Level:
\$1,367,000.00

1.10 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, curb, gutter, sidewalk and ramps, drainage, guardrail, bridge rehabilitation including epoxy overlay, concrete patching, and pavement markings on Inkster Road from Five Mile Road to Six Mile Road in the city of Livonia, Wayne County. This is a Local Agency project.

3.00 % DBE participation required

20. Letting of May 3, 2019
Letting Call: 1905 062
Project: BO 37000-133038
Local Agreement: 19-5177
Start Date: 10 days after award
Completion Date: October 10, 2019
- Prequalification Level:
\$1,241,000.00

Bridge removal and replacement with prestressed concrete bulb-tee beams, cofferdams, steel piles, culvert, drainage, guardrail and approach work on Pickard Road over the north branch of the Chippewa River, Isabella County. This is a Local Agency project.

3.00 % DBE participation required

21. Letting of May 3, 2019
Letting Call: 1905 063
Project: STL 37000-130258
Local Agreement: 19-5155
Start Date: 10 days after award
Completion Date: August 30, 2019
- Prequalification Level:
\$1,226,000.00

39.67 mi of single course chip seal, fog seal and pavement markings on various routes, Isabella County. This is a Local Agency project.

3.00 % DBE participation required

22. Letting of May 3, 2019
Letting Call: 1905 064
Project: STL 70141-129682
Local Agreement: 19-5188
Start Date: 10 days after award
Completion Date: August 9, 2019

Prequalification Level:
\$940,000.00

2.00 mi of hot mix asphalt resurfacing, concrete curb and gutter, shoulder trenching and widening, aggregate shoulders and pavement markings on 120th Avenue from New Holland Street north to Port Sheldon Street, Ottawa County. This is a Local Agency project.

3.00 % DBE participation required

23. Letting of May 3, 2019
Letting Call: 1905 065
Project: BRT 37000-133043
Local Agreement: 19-5178
Start Date: 10 days after award
Completion Date: October 25, 2019

Prequalification Level:
\$875,000.00

Bridge removal and replacement with 27-inch prestressed concrete box beams, cofferdams, steel piles, curb and gutter approach, concrete driveway, culvert, drainage and guardrail on Rolland Road over Chippewa River, Isabella County. This is a Local Agency project.

3.00 % DBE participation required

24. Letting of May 3, 2019
Letting Call: 1905 066
Project: STL 25000-130625
Local Agreement: 19-5186
Start Date: 10 days after award
Completion Date: September 30, 2019

Prequalification Level:
\$817,000.00

1.00 mi of hot mix asphalt base crushing, shaping, cold milling and resurfacing, trench widening, limestone shoulders and culverts on Seymour Road from Cook Road to Grand Blanc Road, Genesee County. This is a Local Agency project.

3.00 % DBE participation required

25. Letting of May 3, 2019
Letting Call: 1905 067
Project: BHT 35000-202418
Local Agreement: 19-5190
Start Date: 10 days after award
Completion Date: October 31, 2019

Prequalification Level:
\$709,000.00

Removal of hot mix asphalt surface and asbestos membrane, placement of waterproofing membrane and hot mix asphalt resurfacing, expansion joints and pavement markings on F-41 over Van Ettan Creek, on Rea Road over the AuSable River and on Kings Corner Road over the Pine River, Iosco County. This is a Local Agency project.

0.00 % DBE participation required

26. Letting of May 3, 2019
Letting Call: 1905 068
Project: STL 27555-130461
Local Agreement: 19-5195
Start Date: 10 days after award
Completion Date: October 15, 2019
- Prequalification Level:
\$600,000.00

2.63 mi of hot mix asphalt crushing and shaping, aggregate base, guardrail and shoulder gravel on Lake Road from west of Partridge Road to Brace Road, Gogebic County. This is a Local Agency project.

0.00 % DBE participation required

27. Letting of May 3, 2019
Letting Call: 1905 069
Project: BO 55000-133096
Local Agreement: 19-5181
Start Date: 10 days after award
Completion Date: September 30, 2019
- Prequalification Level:
\$539,000.00

Bridge reconstruction with 17-inch prestressed concrete box beam, hot mix asphalt paving, aggregate base, riprap, slope restoration and approach work on County Road 551 (C-1) over Ten Mile Creek, Menominee County. This is a Local Agency project.

0.00 % DBE participation required

28. Letting of May 3, 2019
Letting Call: 1905 072
Project: ER 31000-204461
Local Agreement: 19-5192
Start Date: 10 days after award
Completion Date: October 15, 2019
- Prequalification Level:
\$2,110,000.00

0.01 mi of culvert replacement with precast three-sided or arch culvert, cofferdams, steel sheet piling, steel piling, drainage, concrete curb and gutter and guardrail on Paradise Road over the Pilgrim River, Houghton County. This is a Local Agency project.

2.00 % DBE participation required

29. Letting of May 3, 2019
Letting Call: 1905 073
Project: STU 82000-203522
Local Agreement: 19-5173
Start Date: July 1, 2019
Completion Date: October 11, 2019
- Prequalification Level:
\$1,050,000.00

1.13 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, culverts, sidewalk ramps, drainage, signing, guardrail and pavement markings on Pennsylvania Road from east of Fort Street (M-85) to the railroad crossing in the cities of Riverview, Wyandotte and Southgate, Wayne County. This is a Local Agency project.

3.00 % DBE participation required

30. Letting of May 3, 2019
Letting Call: 1905 074
Project: STU 82000-203521
Local Agreement: 19-5183
Start Date: July 15, 2019
Completion Date: October 15, 2019

Prequalification Level:
\$852,000.00

1.01 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, concrete curb, gutter and ADA ramps, joint repair, ditch cleanout and pavement markings on Merriman Road from Ecorse Road to Van Born Road in the city of Romulus, Wayne County. This is a Local Agency project.

3.00 % DBE participation required

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019.

Respectfully submitted,

Paul C. Ajegba
Director

DATE: April 26, 2019

TO: State Transportation Commission

FROM: Jack Cotter, CPA, CGMA
Commission Auditor
Office of Commission Audits

SUBJECT: Justification Memorandums

Attached for your information are the department's justification memorandums for Exhibit A-2 items where the low bid exceeded the engineer's estimate by more than ten percent.

Signed Original on File

Jack Cotter, CPA, CGMA
Commission Auditor

Attachments

cc: T. Hagon

DATE: April 16, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 5, 2019

Project Description: 2.46 mi of hot mix asphalt overlay and reconstruction, earthwork, drainage, concrete curb and gutter, guardrail, median cable barrier and pavement markings on I-94 eastbound from east of County Road 687 to east of County Road 681, Van Buren County.

Project Number: 80023-200908

Item Number: 1904 001

Low Bidder: Michigan Paving and Materials Company

Eng. Est: \$4,840,449.25 Low Bid: \$5,581,254.52 Difference: \$740,805.27 Percent: 15.30

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$4,840,449.25
Michigan Paving and Materials Company	\$5,581,254.52
Rieth-Riley Construction Co., Inc.	\$6,635,152.25

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were hot mix asphalt; pavement removal; aggregate shoulder; earth excavation; and minor traffic devices. These items were bid higher than normal due to non-production work and maintaining traffic restrictions. Pavement removal and hot mix asphalt paving will be performed under two bridges to maintain vertical under clearance with the proposed overlay on the existing concrete pavement, lowering production. Since the existing shoulder width varies, widening the inside shoulder is not continuous throughout the length of the project, reducing production. In addition, the maintaining of traffic scheme is complex with associated traffic restrictions for lane closures to accommodate multiple stages of construction. The estimator considered these factors when estimating his project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate, because of non-production work and maintaining traffic restrictions. This project received two bids of \$5,581,254.52 and \$6,635,152.25, which varied by 18.88 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Kalamazoo TSC request that this project be awarded to the low bidder based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
J. Smith	C. Jacobs	K. Rothwell	W. Thompson	

BOD:DD:QA:DLP:raw

DATE: April 12, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 5, 2019

Project Description: Rehabilitation of 2 structures including deck replacement, steel repair, structural painting, substructure patching, culverts, hot mix asphalt overlay, approaches, guardrail and pavement markings on M-26 over the Eagle River, Keweenaw County.

Project Number: 42021-203191

Item Number: 1904 026

Low Bidder: Anlaan Corporation

Eng. Est: \$1,264,044.24 Low Bid: \$2,168,519.75 Difference: \$904,475.51 Percent: 71.55

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,264,044.24
Anlaan Corporation	\$2,168,519.75
Abhe & Svoboda, Inc.	\$2,974,095.90

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were superstructure concrete, form, finish, and cure; structural steel furnished and fabricated; remove portions of structures; and cleaning of structural steel. These items were bid higher than normal because the area around the structure is designated environmentally sensitive with no access allowed, creating issues for the contractor to access the work site underneath the structure. The historic bridge's rehabilitation work must maintain the original characteristics of the bridge in order to meet the requirements of the State Historic Preservation Office. Additionally, the project's location is in the remote northern portion of the Keweenaw Peninsula, adding cost to deliver equipment and materials. The estimator considered these factors when estimating his project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate due to historic bridge requirements, an environmentally sensitive area surrounding the bridge and remote

April 12, 2019

location. This project received two bids of \$2,168,519.75 and \$2,974,095.90, which varied by 37.15 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Ishpeming TSC request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
J. Vanlerberg	A. Anderson	M. Maloney	A. Johnson	

BOD:DD:QA:SF:raw



OFFICE MEMORANDUM

DATE: April 12, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 5, 2019

Project Description: Rehabilitation of 12 bridges including superstructure, substructure and joint repair, thrie beam retrofit, epoxy overlay and pressure relief joint on various routes in the cities of Flint and Swartz Creek, Genesee and Lapeer Counties.

Project Number: 25032-204664

Item Number: 1904 028

Low Bidder: Z Contractors, Inc.

Eng. Est: \$715,245.84 Low Bid: \$1,046,577.05 Difference: \$331,331.21 Percent: 46.32

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$ 715,245.84
Z Contractors, Inc.	\$1,046,577.05
Anlaan Corporation	\$1,167,196.06
C. A. Hull Co., Inc.	\$1,188,795.02

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were structures, remove portions; steel structure, cleaning, partial; and minor traffic devices. These items were bid higher than normal due to multiple locations and a tight construction schedule. This project involves rehabilitation work at twelve structures throughout the Bay Region. The work to be performed is different at each location and in small quantities, reducing production. Furthermore, five of the bridges require the item structures, remove portions. This means each bridge requires specialized equipment and falsework and those items cannot be used for the removal on any of the other bridges. For locations that include partial cleaning of the steel structures, there is a small amount of cleaning work which must be performed under a full containment paint enclosure, increasing the price. The estimator considered these factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of small amounts of work performed at multiple locations. This project received three bids ranging from \$1,046,577.05 to \$1,188,795.02, which varied by 13.59 percent. The two lowest bids varied by 11.53 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Davison TSC request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
J. DeRuyver	A. Lopez	S. Friend	R. Ranck	

BOD:DD:QA:RWC:rw



OFFICE MEMORANDUM

DATE: April 12, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 5, 2019

Project Description: 3.06 mi of hot mix asphalt cold milling and resurfacing, joint repair and pavement markings on I-496/US-127 from I-96 to CN Railroad in the cities of East Lansing and Lansing, Ingham County. This project includes a 3 year material and workmanship pavement warranty.

Project Number: 33045-205234

Item Number: 1904 059

Low Bidder: Michigan Paving and Materials Company

Eng. Est: \$2,119,673.08 Low Bid: \$2,782,163.34 Difference: \$662,490.26 Percent: 31.25

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$2,119,673.08
Michigan Paving and Materials Company	\$2,782,163.34
Rieth-Riley Construction Co., Inc.	\$3,925,326.43

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were hot mix asphalt and cold milling. These items were bid higher than normal, due to maintaining traffic restrictions and the project schedule. To minimize the impact to traffic, all work must be completed during nighttime hours. In addition, there are various restrictions related to ramp closures the contractor must adhere to. Furthermore, this project must be completed by August 30, 2019 to avoid impacting traffic during special events at Michigan State University. These limitations affect production and increase costs. The estimator considered these factors when estimating his project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of maintaining traffic restrictions and the project schedule. This project received two bids of \$2,782,163.34 and \$3,925,326.43, which varied by 41.09 percent. We believe that rejecting this

bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Lansing TSC request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
M. Spare	J. Early	J. Reid	D. Parker	

BOD:DD:QA:DLP:raw

DATE: April 16, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 5, 2019

Project Description: Bridge rehabilitation including partial superstructure replacement, epoxy overlay, concrete deck and substructure patching, replacement of expansion joints, guardrail and approach work on US-24 over the Upper Rouge River in the city of Detroit, Wayne County.

Project Number: 82053-128774

Item Number: 1904 066

Low Bidder: Z Contractors, Inc.

Eng. Est: \$1,406,195.36 Low Bid: \$1,834,960.73 Difference: \$428,765.37 Percent: 30.49

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,406,195.36
Z Contractors, Inc.	\$1,834,960.73
C. A. Hull Co., Inc.	\$2,069,412.48

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were remove portions of structures for B03-1 and B03-2. These items were bid higher than normal because of the tight spacing between the beams. The tight spacing creates extra work of de-tensioning and re-tensioning the existing transverse ties between the beams. The smaller gap necessitates manual labor to disconnect the beams to be removed from the superstructure. This minimizes the risk of damaging the portions of the structure that are to remain in place. The de-tensioning and re-tensioning of existing transverse post-tensioning is not a common practice and the unique nature of this work contributed to the high bids for the removal items. In addition to the complexity of the task required to complete this work, the Progress Clause for the project requires the removal and replacement of the beams to be completed in a relatively short timeframe due to mobility concerns along the US-24 corridor. This likely contributed to the higher bids for the removal items. The estimator considered these factors when estimating his project, but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate due to the unique work, small gap, and schedule. This project received two bids of \$1,834,960.73 and \$2,069,412.48, which varied by 12.78 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Taylor TSC request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
K. Kopper	S. Minton	K. Avery	A. Penzenstadler	

BOD:DD:QA:SF:raw



OFFICE MEMORANDUM

DATE: April 9, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 5, 2019

Project Description: 11.75 mi of hot mix asphalt cold milling and resurfacing and paver placed surface seal, concrete curb and gutter and pavement markings on M-32 from east of US-131 to east of Murner Road in the city of Gaylord, Otsego and Antrim Counties.

Project Number: 69021-204273

Item Number: 1904 068

Low Bidder: Rieth-Riley Construction Co., Inc.

Eng. Est: \$2,615,121.53 Low Bid: \$2,963,028.85 Difference: \$347,907.32 Percent: 13.30

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$2,615,121.53
Rieth-Riley Construction Co., Inc.	\$2,963,028.85
Payne & Dolan Inc.	\$2,999,935.15

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were micro cold milling; minor traffic devices; and traffic regulator control. Micro cold milling was bid higher than normal because this work is being performed at multiple locations of guardrail sections, lowering production. Minor traffic devices and traffic regulator control were bid higher than normal due to the number of set-ups required to accommodate the various cross-sections, driveways, and milling operations. The estimator considered these factors when estimating his project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate due to non-production work and number of traffic control set-ups. This project received two bids of \$2,963,028.85 and \$2,999,935.15, which varied by 1.25 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Gaylord TSC request that this project be awarded to the low bidder based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
M. Radulski	B. Gowell	G. Deans	S. Thayer	

BOD:DD:QA:DLP:rw

DATE: April 15, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 5, 2019

Project Description: 0.86 mi of hot mix asphalt roadway reconstruction and pavement markings on H-58 from Washington Street to Connors Road in the city of Munising, Alger County.

Project Number: 02003-130985

Item Number: 1904 006

Low Bidder: Oberstar Inc.

Eng. Est: \$1,205,447.41 Low Bid: \$1,387,520.41 Difference: \$182,073.00 Percent: 15.10

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,205,447.41
Oberstar Inc.	\$1,387,520.41
Gerou Excavating, Inc.	\$1,471,754.42
Bacco Construction Company	\$1,530,963.81
Smith Construction, Inc.	\$1,774,900.75

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were hot mix asphalt; precast concrete box culvert; aggregate base; and sanitary sewer items. Due to last year's upper peninsula flooding, significant amounts of similar work items for this project were used for emergency repairs in 2018 and continue to be used for permanent repairs in 2019, limiting material availability in the area and increasing costs. The presence of a high water table on the site and extreme depth of the manhole led to higher prices for the sanitary sewer items. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of materials shortages and groundwater issues. This project received four bids ranging from \$1,387,520.41 to \$1,774,900.75, which varied by 27.92 percent. The two lowest bids varied by 6.07 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the city of Munising request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Cousin	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
M. Duell	E. Leroy	M. Maloney	A. Johnson	

BOD:DD:QA:DLP:rw

DATE: April 12, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 5, 2019

Project Description: Bridge removal and replacement with an aluminum box culvert and approach work on Cavanaugh Lake Road over Mill Creek, Washtenaw County.

Project Number: 81000-201828

Item Number: 1904 012

Low Bidder: Fonson Company, Inc.

Eng. Est: \$379,661.60 Low Bid: \$556,282.24 Difference: \$176,620.64 Percent: 46.52

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$379,661.60
Fonson Company, Inc.	\$556,282.24
E.T. MacKenzie Company	\$699,172.10
Angelo Iafrate Construction Company	\$720,277.40

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were aluminum box culvert; hot mix asphalt; modified structure backfill; bypass pumping; and earth excavation. These items were bid higher than normal due to the unique nature of the work. The proposed aluminum box culvert is the first local bridge of its kind in the University Region and has a lack of bid history to effectively compare prices. In addition, this project is comprised of mobilizing special equipment and will require qualified personnel to perform the removal of the existing bridge and to ensure proper installation of the elements required for the aluminum box culvert. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate, because of the unique nature of work to be performed. This project received three ranging bids from \$556,282.24 to \$720,277.40, which varied by 29.48 percent. The two lowest bids varied by

April 12, 2019

25.69 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Washtenaw County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
P. Rojas	J. Daavettila	J. Reid	D. Parker	

BOD:DD:QA:DLP:jh

DATE: April 12, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 5, 2019

Project Description: 1.03 mi of concrete pavement repair on 13 Mile Road from John R Road to Dequindre Road in the city of Madison Heights, Oakland County.

Project Number: 63000-203426

Item Number: 1904 014

Low Bidder: Cipparrone Contracting, Inc.

Eng. Est: \$604,088.22 Low Bid: \$676,957.22 Difference: \$72,869.00 Percent: 12.06

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$604,088.22
Cipparrone Contracting, Inc.	\$676,957.22
Di Lisio Contracting, Inc.	\$692,140.72
Florence Cement Company	\$692,612.72
Major Cement Co.	\$738,670.72
Great Lakes Contracting Solutions, LLC	\$794,366.22
Interstate Highway Construction, Inc.	\$945,737.12
Century Cement Company, Inc.	\$991,138.00

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were modified nonreinforced concrete pavement repair with integral curb and gutter, and modified pavement repair removal with integral curb and gutter. The modified pavement repair items are unique items of work and have limited bid history to effectively compare prices. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of unique items of work. This project received seven bids, ranging from \$676,957.22 to \$991,138.00, which varied by 46.41 percent. The two lowest bids varied by 2.24 percent. We believe that

rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the city of Madison Heights request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
R. Levine	M. Tice	S. Minton	K. Avery	

BOD:DD:QA:DLP:raw

DATE: April 12, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 5, 2019

Project Description: 0.01 mi of removal of existing culvert, construction of precast concrete culvert and approach work on 12th Street over Carman Creek in the city of Flint, Genesee County.

Project Number: 25402-126579

Item Number: 1904 036

Low Bidder: Anlaan Corporation

Eng. Est: \$1,344,169.00 Low Bid: \$1,517,826.54 Difference: \$173,657.54 Percent: 12.92

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,344,169.00
Anlaan Corporation	\$1,517,826.54
Zito Construction	\$1,551,285.00
Z Contractors, Inc.	\$1,581,472.01
Milbocker and Sons, Inc.	\$1,949,136.66

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were structures remove; watermain, 24-inch, directional drill; and culvert precast concrete box, 25 foot by 14 foot. These items were bid higher than normal, due to the nature of the work for each of these items. The increase in cost for the structure removal could be due to the proximity of the upstream and downstream structures. The existing structure is comprised of two different materials (concrete and steel) superstructure elements and the existing plans are not available for review for confirmation. Additionally, the water main, 24-inch, directional drill has a tight schedule of 2 weeks for construction and the short bore span has the same mobilization costs as if it were a longer bore span, increasing the cost. Furthermore, the culvert, precast concrete box, 24 foot by 14 foot has long lead times for fabrication that may affect the bid. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of location, short schedule, and size of the culvert. This project received four bids of \$1,517,826.54 to 1,949,136.66, which varied by 28.42 percent. The lowest two bids varied by 2.20 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the city of Flint request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
T. Barry	T. Vincke	J. Reid	D. Parker	

BOD:DD:QA:SF:raw



OFFICE MEMORANDUM

DATE: April 12, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 5, 2019

Project Description: Bridge replacement with prestressed concrete I-beams, concrete pavement approach, culverts, steel sheet piling, steel piles, cofferdams, drainage, guardrail and pavement markings on Werth Road over Mud Creek, Alpena County.

Project Number: 04000-133071

Item Number: 1904 039

Low Bidder: MacArthur Construction, Inc.

Eng. Est: \$895,239.25 Low Bid: \$1,199,966.49 Difference: \$304,727.24 Percent: 34.04

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$ 895,239.25
MacArthur Construction, Inc.	\$1,199,966.49
Milbocker and Sons, Inc.	\$1,252,793.29

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were cofferdams; structures removal; furnish temporary concrete barrier; substructure concrete; nonreinforced 9-inch concrete pavement; temporary sheet piling; and furnish and driven 12-inch steel pile. These items were bid higher than normal, due to the project location and construction schedule. This project is located in a remote area with a limited number of bridge contractors in the region. Due to the shorter construction season in northern Michigan and part width construction, the timeframe to complete the project is compressed, and work must be completed by October 4, 2019. These restrictions impact production and increase costs. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of the project location and project schedule. This project received two bids of \$1,199,966.49 and \$1,252,793.29, which varied by 4.40 percent. We believe that rejecting this bid and re-letting

April 12, 2019

this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Alpena County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
T. Barry	D. Krentz	G. Deans	S. Thayer	

BOD:DD:QA:DLP:raw



OFFICE MEMORANDUM

DATE: April 16, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 5, 2019
Project Description: Application of pavement markings on various routes in the city of Detroit, Wayne County.
Project Number: 82000-132670
Item Number: 1904 040
Low Bidder: JV Contracting, Inc.

Eng. Est: \$643,500.00 Low Bid: \$835,353.95 Difference: \$191,853.95 Percent: 29.81

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$643,500.00
JV Contracting, Inc.	\$835,353.95
P.K. Contracting, Inc.	\$842,923.54

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were 12 inch white cross hatching modified urethane pavement marking; 12 inch yellow cross hatching modified urethane pavement marking; 4 inch white modified urethane pavement marking; 4 inch yellow sprayable thermoplastic pavement marking; substructure concrete; and 4 inch white sprayable thermoplastic pavement marking. These items were bid higher than normal due to maintaining traffic restrictions and project schedule. There are various daily, hourly and weekend restrictions for lane closures to effectively maintain traffic when work is performed in the city of Detroit, in the central business district area and for special events. The completion date and maintaining traffic creates challenges for the contractor, decreasing production and increasing costs. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of the project location and project schedule. This project received two bids of \$835,353.95 and \$842,923.54, which varied by just 0.91 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the city of Detroit request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
G. Masinda	R. Teale	S. Minton	K. Avery	

BOD:DD:QA:DLP:raw



OFFICE MEMORANDUM

DATE: April 16, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 5, 2019

Project Description: 4.08 mi of hot mix asphalt cold milling and resurfacing, trenching, concrete curb and gutter, gravel shoulders, bridge maintenance and pavement markings on East Island Road from Shepardsville Road east to Hollister Road and E Colony Road from Williams Road east to Chandler Road, Clinton County.

Project Number: 19000-200647

Item Number: 1904 090

Low Bidder: Rieth-Riley Construction Co., Inc.

Eng. Est: \$822,880.55 Low Bid: \$938,628.16 Difference: \$115,747.61 Percent: 14.07

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$822,880.55
Rieth-Riley Construction Co., Inc.	\$938,628.16
Michigan Paving and Materials Company	\$969,959.63

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were hot mix asphalt; trenching; minor traffic devices; and traffic regulator control. The hot mix asphalt was bid higher than normal due to the inclusion of approach and driveway paving with mainline paving, decreasing production and increasing costs. The width of the trench is narrow and may require additional manual labor or special equipment to perform the work. Additionally, the project work must be performed around the school year in a relatively tight timeframe. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of additional work included in a standard item and the construction schedule. This project received two bids of \$938,628.16 and \$969,959.63, which varied by 3.34 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Clinton County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
D. Spencley	M. Meyer	J. Reid	D. Parker	

BOD:DD:QA:DLP:rw

DATE: April 15, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 5, 2019
Project Description: Bridge removal and replacement with a three sided culvert and approach work on Saline Milan Street over the Koch Drain, Washtenaw County.
Project Number: 81000-133161
Item Number: 1904 093
Low Bidder: Anlaan Corporation

Eng. Est: \$950,525.25 Low Bid: \$1,385,259.96 Difference: \$434,734.71 Percent: 45.74

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$ 950,525.25
Anlaan Corporation	\$1,385,259.96

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were augered soldier pile wall; precast culvert; pile driving equipment; cofferdams; structures removal; and hot mix asphalt. These items were bid higher than normal due to the unique location of this project. The Springbrook Dam, operated by the Michigan Department of Natural Resources, is located immediately downstream of the bridge. The existing roadway is approximately 24 feet wide with no existing paved shoulder, and is surrounded by wetlands, limiting the access of materials and equipment. These features make performing the work more difficult, causing an increase to the major items of work. Furthermore, the cofferdams and precast culvert will be challenging to install and may require the use of launching girders or duel cranes because of the limited lateral workspace on each side of the river. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate, because of constrained access at the project site. This project received one bid of \$1,385,259.96. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Washtenaw County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Cousin	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
P. Rojas	J. Daavettila	J. Reid	D. Parker	

BOD:DD:QA:DLP:raw

DATE: April 17, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 5, 2019

Project Description: 0.43 mi of hot mix asphalt reconstruction, concrete curb, gutter, sidewalk and ramps, sanitary sewer, water main and pavement markings on North Sherwood Avenue from M-89 (E. Bridge Street) to Main Street in the city of Plainwell, Allegan County.

Project Number: 03005-133174

Item Number: 1904 096

Low Bidder: Peters Construction Co.

Eng. Est: \$931,070.50 Low Bid: \$1,040,868.75 Difference: \$109,798.25 Percent: 11.79

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$ 931,070.50
Peters Construction Co.	\$1,040,868.75
Milbocker and Sons, Inc.	\$1,043,834.46
Kamminga & Roodvoets, Inc.	\$1,057,837.65
Schippers Excavating, Inc.	\$1,158,236.50
Al's Excavating, Inc.	\$1,320,199.00

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were modified 12 inch water main; 12 inch 45 degree bend; modified 12 inch gate valve and box; and 15 inch sanitary sewer. These items were bid higher than normal due to the water main depth required and intersection staging. To maintain vertical separation from sewers, additional depth of water main is needed at several locations. Traffic will be maintained using part width construction. Additionally, complex staging is involved at the intersection of Main Street and Sherwood Avenue to install water main, line the sewer, and reconstruct the intersection. These requirements led to an increase in costs. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of the water main depth requirement and intersection staging. This project received five bids ranging from \$1,040,868.75 to \$1,320,199.00, which varied by 26.84 percent. The two lowest bids varied by just 0.28 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the city of Plainwell request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
G. Masinda	K. Stein	S. Rozema	E. Kind	

BOD:DD:QA:DLP:raw

REQUEST FOR MICHIGAN STATE
TRANSPORTATION COMMISSION APPROVAL
LETTING EXCEPTIONS AGENDA

April 29, 2019

STATE PROJECTS

- | | | |
|----|---|---|
| 1. | Letting of April 5, 2019
Letting Call: 1904 001
Project: GF19 80023-200908
Local Agreement:
Start Date: July 9, 2019
Completion Date: September 27, 2019 | Low Bid: \$5,581,254.52
Engineer Estimate: \$4,840,449.25
Pct Over/Under Estimate: 15.30 % |
|----|---|---|

2.46 mi of hot mix asphalt overlay and reconstruction, earthwork, drainage, concrete curb and gutter, guardrail, median cable barrier and pavement markings on I-94 eastbound from east of County Road 687 to east of County Road 681, Van Buren County. This project includes a 5-year materials and workmanship pavement warranty.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Michigan Paving and Materials Company	\$5,581,254.52	Same	1 **
Rieth-Riley Construction Co., Inc.	\$6,635,152.25	Same	2

Total Number of Bidders: 2

- | | | |
|----|--|---|
| 2. | Letting of April 5, 2019
Letting Call: 1904 026
Project: ST 42021-203191
Local Agreement:
Start Date: 10 days after award
Completion Date: October 18, 2019 | Low Bid: \$2,168,519.75
Engineer Estimate: \$1,264,044.24
Pct Over/Under Estimate: 71.55 % |
|----|--|---|

Rehabilitation of 2 structures including deck replacement, steel repair, structural painting, substructure patching, culverts, hot mix asphalt overlay, approaches, guardrail and pavement markings on M-26 over the Eagle River, Keweenaw County. This project includes a 2-year bridge coating warranty.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Anlaan Corporation	\$2,168,519.75	Same	1 **
Abhe & Svoboda, Inc.	\$2,974,095.90	Same	2

Total Number of Bidders: 2

3. Letting of April 5, 2019
Letting Call: 1904 028
Project: M 25032-204664
Local Agreement:
Start Date: June 10, 2019
Completion Date: September 21, 2019
- Low Bid: **\$1,046,577.05**
Engineer Estimate: \$715,245.84
Pct Over/Under Estimate: 46.32 %

Rehabilitation of 12 bridges including superstructure, substructure and joint repair, thrie beam retrofit, epoxy overlay and pressure relief joint on various routes in the cities of Flint and Swartz Creek, Genesee and Lapeer Counties. This project includes a 5-year performance warranty for thin epoxy bridge deck overlay.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Z Contractors, Inc.	\$1,046,577.05	Same	1 **
Anlaan Corporation	\$1,167,196.06	Same	2
C. A. Hull Co., Inc.	\$1,188,795.02	Same	3

Total Number of Bidders: 3

4. Letting of April 5, 2019
Letting Call: 1904 059
Project: IM 33045-205234
Local Agreement:
Start Date: June 3, 2019
Completion Date: August 30, 2019
- Low Bid: **\$2,782,163.34**
Engineer Estimate: \$2,119,673.08
Pct Over/Under Estimate: 31.25 %

3.06 mi of hot mix asphalt cold milling and resurfacing, joint repair and pavement markings on I-496/US-127 from I-96 to CN Railroad in the cities of East Lansing and Lansing, Ingham County. This project includes a 3-year material and workmanship pavement warranty.

4.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Michigan Paving and Materials Company	\$2,782,163.34	Same	1 **
Rieth-Riley Construction Co., Inc.	\$3,925,326.43	Same	2

Total Number of Bidders: 2

5. Letting of April 5, 2019
 Letting Call: 1904 066
 Project: NH 82053-128774
 Local Agreement:
 Start Date: May 1, 2019
 Completion Date: October 27, 2019
- Low Bid: **\$1,834,960.73**
 Engineer Estimate: \$1,406,195.36
 Pct Over/Under Estimate: 30.49 %

Bridge rehabilitation including partial superstructure replacement, epoxy overlay, concrete deck and substructure patching, replacement of expansion joints, guardrail and approach work on US-24 over the Upper Rouge River in the city of Detroit, Wayne County. This project includes a 5-year materials and workmanship pavement warranty.

4.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Z Contractors, Inc.	\$1,834,960.73	Same	1 **
C. A. Hull Co., Inc.	\$2,069,412.48	Same	2

Total Number of Bidders: 2

6. Letting of April 5, 2019
 Letting Call: 1904 068
 Project: NH 69021-204273
 Local Agreement:
 Start Date: June 3, 2019
 Completion Date: August 16, 2019
- Low Bid: **\$2,963,028.85**
 Engineer Estimate: \$2,615,121.53
 Pct Over/Under Estimate: 13.30 %

11.75 mi of hot mix asphalt cold milling and resurfacing and paver placed surface seal, concrete curb and gutter and pavement markings on M-32 from east of US-131 to east of Murner Road in the city of Gaylord, Otsego and Antrim Counties. This work includes a 3-year pavement performance warranty and a 3-year materials and workmanship pavement warranty.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Rieth-Riley Construction Co., Inc.	\$2,963,028.85	Same	1 **
Payne & Dolan Inc.	\$2,999,935.15	Same	2

Total Number of Bidders: 2

7. Letting of April 5, 2019
 Letting Call: 1904 087
 Project: HSIP 21000-203026
 Local Agreement: 18-5551,
 18-5564,
 18-5566,
 18-5567
 Start Date: April 15, 2019
 Completion Date: November 29, 2019
- Low Bid: **\$2,130,868.92**
 Engineer Estimate: \$1,956,328.11
 Pct Over/Under Estimate: 8.92 %

Application of permanent pavement markings on trunkline routes, Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, and Schoolcraft Counties and on local roads, Baraga, Chippewa, Dickinson, and Keweenaw Counties.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
P.K. Contracting, Inc.	\$2,130,868.92	Same	1 **

Total Number of Bidders: 1

LOCAL PROJECTS

8. Letting of April 5, 2019
 Letting Call: 1904 006
 Project: FLAP 02003-130985
 Local Agreement: 19-5040
 Start Date: July 8, 2019
 Completion Date: October 15, 2019
- Low Bid: **\$1,387,520.41**
 Engineer Estimate: \$1,205,447.41
 Pct Over/Under Estimate: 15.10 %

0.86 mi of hot mix asphalt roadway reconstruction and pavement markings on H-58 from Washington Street to Connors Road in the city of Munising, Alger County. This is a Local Agency project.

2.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Oberstar Inc.	\$1,387,520.41	Same	1 **
Gerou Excavating, Inc.	\$1,471,754.42	Same	2
Bacco Construction Company	\$1,530,963.81	Same	3
Smith Construction, Inc.	\$1,774,900.75	Same	4

Total Number of Bidders: 4

9. Letting of April 5, 2019
 Letting Call: 1904 012
 Project: STU 81000-201828
 Local Agreement: 19-5048
 Start Date: July 8, 2019
 Completion Date: October 25, 2019
- Low Bid: **\$556,282.24**
 Engineer Estimate: \$379,661.60
 Pct Over/Under Estimate: 46.52 %

Bridge removal and replacement with an aluminum box culvert and approach work on Cavanaugh Lake Road over Mill Creek, Washtenaw County. This is a Local Agency project.

4.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Fonson Company, Inc.	\$556,282.24	Same	1 **
E.T. MacKenzie Company	\$699,172.10	Same	2
Angelo Iafrate Construction Company	\$720,277.40	Same	3

Total Number of Bidders: 3

10. Letting of April 5, 2019
 Letting Call: 1904 014
 Project: NH 63000-203426
 Local Agreement: 19-5057
 Start Date: July 8, 2019
 Completion Date: September 13, 2019

Low Bid: **\$676,957.22**
 Engineer Estimate: \$604,088.22
 Pct Over/Under Estimate: 12.06 %

1.03 mi of concrete pavement repair on 13 Mile Road from John R Road to Dequindre Road in the city of Madison Heights, Oakland County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Cipparrone Contracting, Inc.	\$676,957.22	Same	1 **
Di Lisio Contracting, Inc.	\$692,140.72	Same	2
Florence Cement Company	\$692,612.72	Same	3
Major Cement Co.	\$738,670.72	Same	4
Great Lakes Contracting Solutions, LLC	\$794,366.22	Same	5
Interstate Highway Construction, Inc.	\$945,737.12	Same	6
Century Cement Company, Inc.	\$991,138.00	Same	7

Total Number of Bidders: 7

11. Letting of April 5, 2019
 Letting Call: 1904 036
 Project: BHT 25402-126579, ETC
 Local Agreement: 19-5088
 Start Date: 10 days after award
 Completion Date: November 15, 2019

Low Bid: **\$1,517,826.54**
 Engineer Estimate: \$1,344,169.00
 Pct Over/Under Estimate: 12.92 %

0.01 mi of removal of existing culvert, construction of precast concrete culvert and approach work on 12th Street over Carman Creek in the city of Flint, Genesee County. This is a Local Agency project.

4.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Anlaan Corporation	\$1,517,826.54	Same	1 **
Zito Construction	\$1,551,285.00	Same	2
Z Contractors, Inc.	\$1,581,472.01	Same	3
Milbocker and Sons, Inc.	\$1,949,136.66	Same	4

Total Number of Bidders: 4

12. Letting of April 5, 2019
 Letting Call: 1904 037
 Project: STUL 58000-203587
 Local Agreement: 19-5071
 Start Date: 10 days after award
 Completion Date: October 31, 2019

Low Bid: **\$1,179,969.48**
 Engineer Estimate: \$1,077,821.50
 Pct Over/Under Estimate: 9.48 %

0.86 mi of hot mix asphalt cold milling and resurfacing, subbase repairs, concrete curb and gutter and pavement markings on West Front Street from South Telegraph Road to Harrison Street in the city of Monroe, Monroe County. This is a Local Agency project.

5.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
C & D Hughes, Inc.	\$1,179,969.48	Same	1 **

Total Number of Bidders: 1

13. Letting of April 5, 2019
 Letting Call: 1904 039
 Project: BRT 04000-133071
 Local Agreement: 19-5080
 Start Date: 10 days after award
 Completion Date: October 4, 2019
- Low Bid: **\$1,199,966.49**
 Engineer Estimate: \$895,239.25
 Pct Over/Under Estimate: 34.04 %

Bridge replacement with prestressed concrete I-beams, concrete pavement approach, culverts, steel sheet piling, steel piles, cofferdams, drainage, guardrail and pavement markings on Werth Road over Mud Creek, Alpena County. This is a Local Agency project.

2.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
MacArthur Construction, Inc.	\$1,199,966.49	Same	1 **
Milbocker and Sons, Inc.	\$1,252,793.29	Same	2

Total Number of Bidders: 2

14. Letting of April 5, 2019
 Letting Call: 1904 040
 Project: SUG 82000-132670
 Local Agreement: 19-5073
 Start Date: 10 days after award
 Completion Date: September 21, 2019
- Low Bid: **\$835,353.95**
 Engineer Estimate: \$643,500.00
 Pct Over/Under Estimate: 29.81 %

Application of pavement markings on various routes in the city of Detroit, Wayne County. This is a Local Agency project.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
JV Contracting, Inc.	\$835,353.95	Same	1 **
P.K. Contracting, Inc.	\$842,923.54	Same	2

Total Number of Bidders: 2

15. Letting of April 5, 2019
 Letting Call: 1904 081
 Project: TAU 82457-132552
 Local Agreement: 19-5117
 Start Date: 10 days after award
 Completion Date: November 15, 2020
- Low Bid: **\$1,266,506.81**
 Engineer Estimate: \$1,163,586.95
 Pct Over/Under Estimate: 8.85 %

0.53 mi of hot mix asphalt shared use path includes aggregate trail, prefabricated truss bridge, concrete curb and gutter, drainage, sewer, helical piles and pavement markings along Ann Arbor Trail from Dover Street to Hines Park Drive in the city of Westland, Wayne County. This is a Local Agency project.

5.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Z Contractors, Inc.	\$1,266,506.81	Same	1 **

Total Number of Bidders: 1

16. Letting of April 5, 2019
 Letting Call: 1904 090
 Project: BHT 19000-200647, ETC
 Local Agreement: 19-5148
 Start Date: May 20, 2019
 Completion Date: June 28, 2019
- Low Bid: **\$938,628.16**
 Engineer Estimate: \$822,880.55
 Pct Over/Under Estimate: 14.07 %

4.08 mi of hot mix asphalt cold milling and resurfacing, trenching, concrete curb and gutter, gravel shoulders, bridge maintenance and pavement markings on East Island Road from Shepardsville Road east to Hollister Road and E Colony Road from Williams Road east to Chandler Road, Clinton County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Rieth-Riley Construction Co., Inc. \$	\$938,628.16	Same	1 **
Michigan Paving and Materials Company	\$969,959.63	Same	2

Total Number of Bidders: 2

17. Letting of April 5, 2019
 Letting Call: 1904 093
 Project: BRT 81000-133161
 Local Agreement: 19-5133
 Start Date: July 8, 2019
 Completion Date: October 25, 2019
- Low Bid: **\$1,385,259.96**
 Engineer Estimate: \$950,525.25
 Pct Over/Under Estimate: 45.74 %

Bridge removal and replacement with a three-sided culvert and approach work on Saline Milan Street over the Koch Drain, Washtenaw County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Anlaan Corporation	\$1,385,259.96	Same	1 **

Total Number of Bidders: 1

18. Letting of April 5, 2019
 Letting Call: 1904 096
 Project: STUL 03005-133174
 Local Agreement: 19-5140
 Start Date: July 8, 2019
 Completion Date: September 13, 2019
- Low Bid: **\$1,040,868.75**
 Engineer Estimate: \$931,070.50
 Pct Over/Under Estimate: 11.79 %

0.43 mi of hot mix asphalt reconstruction, concrete curb, gutter, sidewalk and ramps, sanitary sewer, water main and pavement markings on North Sherwood Avenue from M-89 (E. Bridge Street) to Main Street in the city of Plainwell, Allegan County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Peters Construction Co.	\$1,040,868.75	Same	1 **
Milbocker and Sons, Inc.	\$1,043,834.46	Same	2
Kamminga & Roodvoets, Inc.	\$1,057,837.65	Same	3
Schippers Excavating, Inc.	\$1,158,236.50	Same	4
Al's Excavating, Inc.	\$1,320,199.00	Same	5

Total Number of Bidders: 5

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019

Respectfully submitted,

Paul C. Ajegba
 Director

INFORMATION FOR MICHIGAN STATE
TRANSPORTATION COMMISSION

April 29, 2019

The following project information is being provided for informational purposes, as requested by the State Transportation Commission.

STATE PROJECT

- | | | |
|----|---|---|
| 1. | Letting of April 5, 2019
Letting Call: 1904 057
Project: HSIP 33084-203029
Local Agreement:
Start Date: April 15, 2019
Completion Date: December 1, 2019 | Low Bid: \$291,442.26
Engineer Estimate: \$295,236.97
Pct Over/Under Estimate: -1.29 % |
|----|---|---|

Application of special pavement markings on various routes, Eaton and Lenawee Counties.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
P.K. Contracting, Inc.	\$291,442.26	Same	1 **

Total Number of Bidders: 1

LOCAL PROJECT

2. Letting of April 5, 2019
Letting Call: 1904 044
Project: HSIP 81000-203464
Local Agreement: 19-5093
Start Date: July 1, 2019
Completion Date: October 8, 2019

Low Bid: **\$233,885.76**
Engineer Estimate: \$169,384.50
Pct Over/Under Estimate: 38.08 %

0.22 mi of high friction surface treatment, hot mix asphalt paving, guardrail and pavement markings on Jackson Avenue from the eastbound I-94 off ramp to west of Gralake Street in the city of Ann Arbor, Washtenaw County. This is a Local Agency project.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
RAM Construction Services of Michigan, Inc.	\$233,885.76	Same	1 **

Total Number of Bidders: 1

These projects, for which the bid is under Five Hundred Thousand Dollars (\$500,000) and has less than two (2) bidders or is a low bid rejection or have other bid issues, are being submitted for informational purposes. The contracts for these projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the projects described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum February 11, 2019.

Respectfully submitted,

Signed copy on file

Paul C. Ajegba
Director